

Notice of Allowability**Application No.**

09/819,250

Applicant(s)

OZAKI ET AL.

Examiner

BRIAN P. YENKE

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Response (06 July 04).
2. ☒ The allowed claim(s) is/are 5-6 and 14-15 (Renumbered as 1-4 respectively).
3. ☒ The drawings filed on 06 July 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Allowable Subject Matter

1. Claims 5-6 and 14-15 are allowed.

The following is an examiner's statement of reasons for allowance:

In view of further consideration in reply to applicant's response, the examiner is allowing pending claims 5-6 and 14-15.

Claim 5, Prior Art does not show a system that comprises a ticker tape PIP system which receives two images, where the 1st image is the main image, and the 2nd image is the ticker tape portion, where a video switching system receives a 1st and 2nd formatted signals and outputs to a display a RGB formatted 1st and 2nd signal, where a microprocessor for sending timing signals to the switching system which causes the display to sequentially receive an RGB formatted display signal corresponding to a main portion and a RGB formatted display signal corresponding to a ticker tape portion, where the switching system also includes an A/V switch which receives the 1st and 2nd video signals from the tuners and stitches audio and video components of the 1st/2nd signals and outputs a stitched 1st, a stitched 2nd and a Y and C formatted signal; a V-to-YUV converters to convert the stitched second video signal to a YUV signal and a mixer/switch which receives the Y, C and the YUV signal and selectively/sequentially converts the Y and C signals and the YUV signal into a RGB signal for display.

Claim 14, Prior Art does not show a system that comprises a ticker tape PIP system which receives two images, where the 1st image is the main image, and the 2nd image is the ticker tape portion, where a generator generates timing signals to

Art Unit: 2614

selectively switch between outputting an RGB display signal derived from the 1st signal for the main portion and a RGB display signals from the 2nd signal for the ticker tape image portion, also an A/V switch which receives the 1st and 2nd video signals and stitches audio and video components of the 1st/2nd signals and outputs a stiched 1st, a stiched 2nd and a Y and C formatted signal; a V-to-YUV converter to convert the stiched second video signal to a YUV signal and a mixer/switch which receives the Y, C and the YUV signal and selectively/sequentially converts the Y and C signals and the YUV signal into a RGB signal for display.

The closest prior art of record ISOE, US 5,671,019 discloses a ticker tape PIP system, utilizing two image signals, however ISOE does not recite the color formats of the received or the displayed signal, nor the conversion of color formats, nor the stitching of the audio and video components where a first stiched and second stiched video signal which is converted to a YUV format (via a V-YUV converter) and a Y and C formatted signal our output.

Although, the applicant discloses that items such as A/V switch 126 and mixer 134 may be conventional items, the specific combination/connection of these elements along with the other elements is not disclosed nor suggested by prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 2614

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian Yenke whose telephone number is (703) 305-9871. The examiner work schedule is Monday-Thursday, 0730-1830 hrs.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's Supervisor, John W. Miller, can be reached at (703)305-4795.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist). Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703)305-HELP.

General information about patents, trademarks, products and services offered by the United States Patent and Trademark Office (USPTO), and other related information is available by contacting the USPTO's General Information Services Division at:

800-PTO-9199 or 703-308-HELP

(FAX) 703-305-7786

(TDD) 703-305-7785

Art Unit: 2614

An automated message system is available 7 days a week, 24 hours a day providing informational responses to frequently asked questions and the ability to order certain documents. Customer service representatives are available to answer questions, send materials or connect customers with other offices of the USPTO from 8:30 a.m. - 8:00p.m. EST/EDT, Monday-Friday excluding federal holidays.

For other technical patent information needs, the Patent Assistance Center can be reached through customer service representatives at the above numbers, Monday through Friday (except federal holidays) from 8:30 a.m. to 5:00 p.m. EST/EDT.

General information brochures can also be obtained in person from the Patent Search Room located in Crystal Plaza 3, Room 1A03, 2021 South Clark Place, Arlington, VA 22202.

The Patent Electronic Business Center (EBC) allows USPTO customers to retrieve data, check the status of pending actions, and submit information and applications. The tools currently available in the Patent EBC are Patent Application Information Retrieval (PAIR) and the Electronic Filing System (EFS). PAIR (<http://pair.uspto.gov>) provides customers direct secure access to their own patent application status information, as well as to general patent information publicly available. EFS allows customers to electronically file patent application documents securely via the Internet. EFS is a system for submitting new utility patent applications and pre-grant publication submissions in electronic

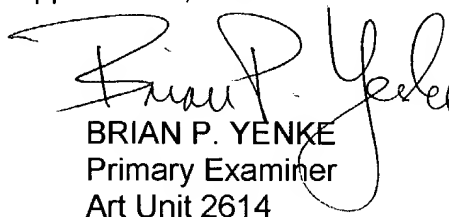
Art Unit: 2614

publication-ready form. EFS includes software to help customers prepare submissions in extensible Markup Language (XML) format and to assemble the various parts of the application as an electronic submission package. EFS also allows the submission of Computer Readable Format (CRF) sequence listings for pending biotechnology patent applications, which were filed in paper form.



B.P.Y

11 August 2004



BRIAN P. YENKE
Primary Examiner
Art Unit 2614